

Region 6 Sample Control Center, e-mail to warren.christy@epa.gov or to perez.myra@epa.gov

REQUEST FOR LABORATORY SAMPLE ANALYSES

Site Name: Wilcox Oil Company	City/State: Bristow, OK	CERCLIS #: OK0001010917
GPRA Account #:2015 T 06L 06GGCO00	Site Spill ID # 06GG	Type of Investigation/Purpose: RI
EPA SAM, RPM, OSC: Katrina Higgins-Coltrain (RPM) Mail Code: <u>6SF-RL</u>	Analytical Turnaround Time Region 6 Lab: 35 <u>X</u> CLP Organics: 7 <u> </u> 14 <u> </u> 21 <u>X</u> CLP Inorganics: 7 <u> </u> 14 <u> </u> 21 <u>X</u>	Type of Contract: EPA RAC Contractor: Teri McMillan Direct: 505-715-4332 Cell: 505-259-6779 Luis Vega Direct: 972-459-5040 Cell: 214-280-9031
Telephone #: 214-665-8143	<p>Are preliminary results required?</p> <p>48 hrs VOA (<input type="checkbox"/>) Yes (<input checked="" type="checkbox"/>) No</p> <p>72 hrs Extractables (<input type="checkbox"/>) Yes (<input checked="" type="checkbox"/>) No</p> <p>72 hrs Inorganics (<input type="checkbox"/>) Yes (<input checked="" type="checkbox"/>) No</p>	Shipping Contact: Teri McMillan and Luis Vega
Fax #:		Telephone #: see above
() Yes (X) No		On Site Ph #: see above
Potential Enforcement Action?		E-Mail address: Teresa McMillan tmcmillan@eaest.com Luis Vega lvega@eaest.com
	Requires justification and prior approval.	Date Sample Control Center Received Request For Sample Analysis:
Proposed Sampling Period: week of September 5 through September 9, 2016		

Please assure that this request for analytical services has been signed and dated by the appropriate Site Assessment Manager, Remedial Project Manager, or On Scene Coordinator. Please assure that the Sample Control Center has a copy of all relevant Quality Assurance Project Plans (QAPPs) and Sampling and Analysis Plans (SAPs).

Is the QAPP, QASP, SAP, O&M Plan, GWMP, DAW, or other relevant plan being submitted with this Request For Sample Analyses? QAPP was previously submitted **6/30/16**
 If no, please explain (expected date of submission etc.): **Submitted 6/30/16**

Signature of EPA Site Assessment Manager (SAM), Remedial Project Manager (RPM), or On Scene Coordinator (OSC) to signify approval of this analytical service request.

Signature: _____ Date: _____

To most efficiently obtain laboratory capability for your request, please address the following considerations. Incomplete or erroneous information may result in a delay in the processing of your request.

1. General description of analytical services requested: (QA/R5 - Element B1)

Matrix	Analysis	Number of Samples (without QC) high/low conc	Field QC Samples	
			How many?	Type?
Soil (refer to attached Table 6) Estimate 10 location per day with 4 samples per location over one 5-day week	Volatiles	200	5 20 0 5	Trip blank Duplicate Matrix spike Equipment Blank
	Semivolatiles	200	20 10 5	Duplicate Matrix spike Equipment Blank
	Metals	200	20 10 5	Duplicate Matrix spike Equipment Blank
	Dioxins/furans	0	0 0	Duplicate Equipment Blank
	Pesticides	0	0 0	Duplicate Equipment Blank
	PCB	0	0 0	Duplicate Equipment Blank
Water (refer to attached Table 8)	Volatiles (including EDB)	10	1 1 1	Trip blank Duplicate Matrix Spike
	Semivolatiles (including PAH SIM)	10	1 1	Duplicate Matrix Spike
	Hexavalent Chromium	10	1 1	Duplicate Matrix spike
	Metals including mercury and cyanide	10	1 1	Duplicate Matrix spike
Air (refer to attached table 9)	Volatiles	0	0	Duplicate
	Semivolatiles	0	0	Duplicate

Additional description (areas where samples are being collected etc.):

2. Analytical protocol required (analytical method & method number, extraction or digestion method & method number, CLP SOW reference, for each matrix if required, etc.): (QA/R5 - Element B4)

Current CLP methods (04/06/16) are: Organics by SOM02.3 Inorganics by ISM02.3

Refer to attached Table 12.

Matrix	Analysis	Methods
Soil	Volatiles	SOM02.3/5035 or 5035A
	Semivolatiles	SOM02.3 (SIM added)
	Metals	ISM02.3/ICP-MS (with ICP-AES for salts only)

Water	Volatiles	SOM02.3 (SIM added)
	Semivolatiles	SOM02.3 (SIM added)
	Metals	ISM02.3/ICP-MS (with ICP-AES for salts only)
	Hexavalent Chromium	SW-846 Method 1799 or Standard method 218.6
Air		

Additional Information:

Complete the following information if Method 5035 for VOA soils has been requested:

	# of low conc. soils	# of medium conc. soils		Type of Vials	# of low conc. soils	# of medium conc. soils
	100	100		Coring device/amber vials with magnetic stir bar		

3. CLP Modified Analysis Clause - The latest Statement of Works (SOWs), includes a modified analysis clause. The modified analysis allows the regions to request minor changes to current SOW analytical methods in order to meet specific field site requirements. The changes are limited in scope and must be approved by the EPA CLP Program Manager and Contracting Officer before implementation. Information must be submitted **three weeks** prior to the sampling event. The information the client must submit three weeks prior to the sampling event are; Lab Request Form and the approved sampling plan/QAPP.

4. Analytical results required (specify laboratory documentation and reporting requirements, reporting units, format requirements, etc.): (QA/R5 - Elements A6 and B4)

Standard CLP and/or EPA Region 6 Houston Lab deliverable

5. Data requirements (reporting limits; per analyte per matrix; reporting units; applicable reference levels, etc.): (QA/R5 - Elements A7, B1, and B4) (Attach extra pages if necessary) For CLP capabilities - <http://www.epa.gov/superfund/programs/clp/facts.htm> For Region 6 Laboratory capabilities - <http://www.epa.gov/earth1r6/6lab/r6lab.htm>

Note: Samples submitted to the CLP for analysis must be low or medium concentration, single phase, homogenous (not oily), soil, sediment, or water. Also, samples with matrix related problems (oily material, high concentration of compounds, etc.) and/or high moisture content will raise the method CRQL's.

a. Compounds/chemicals of concern (Action levels etc.) – **Required information – List the compounds/analytes driving the investigation and the action level required to meet DQO's.**

Parameters	Action Levels / Detection Limits	
	water ($\mu\text{g/L}$)	soil/sediment ($\mu\text{g/kg}$)
See Attached Tables B-1 through B5.		

6. QC Requirements (PE samples & frequency, spikes, duplicates, blanks, & frequency)

QC Type	Frequency	QC Limits
Trip Blank	1 per cooler	See attached excel file.
Duplicate	1 per 10	
Matrix Spike	1 per 20	